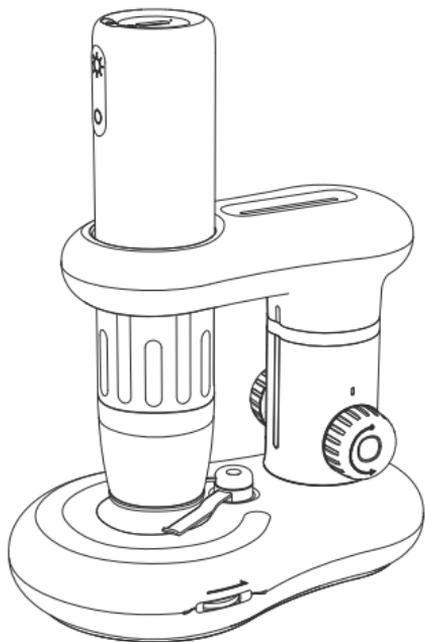


# WiFi Digital Microscope

Mode : CM2



## User Manual V1.0

Please read the instructions carefully and keep it for future reference.

# Contents

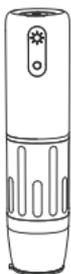
<b>Read me First</b> .....	03
<b>Installation Instructions</b> .....	04
Packing list.....	04
Installation of microscope.....	04
<b>Parts Description</b> .....	05
Parts and functions.....	05
Battery installation.....	06
<b>Detailed Operation</b> .....	07
1. How to focus?.....	07
2. How to work with PC?.....	08
Software download.....	08
Operating steps.....	09
3. How to work with cell phone?.....	11
App download.....	11
Operating steps.....	12
Introduction of the APP.....	13
<b>Usage Environment Description</b> .....	14
<b>Product Parameters</b> .....	15

# Read me First

- Please read this user manual carefully and keep it for future reference.
- Pay attention to protect the lens part. Close the lens lid after using to avoid entering dust or strange objects.
- The microscope can be used in hand or inserted as a desktop, with attention to avoid damage to the components.
- When placing items, place them directly below the center of the lens as much as possible. Avoid not seeing objects clearly and bringing about a bad experience.
- Please store the microscope in a cool and dry place and avoid direct sunlight.
- Please avoid storing the microscope in places where there is risk of falling, which may cause the internal lenses to deviate or damage other components, as well as other irreparable damage.

# Installation Instructions

## Packing list

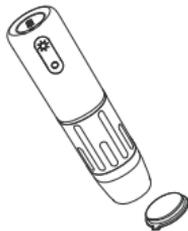


Microscope



Base

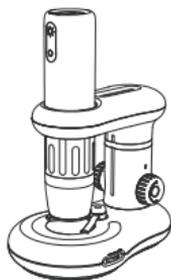
## Installation of microscope



1. Take off the microscope lens cover.



2. Hold the base with one hand and insert the microscope vertically into the installation hole.

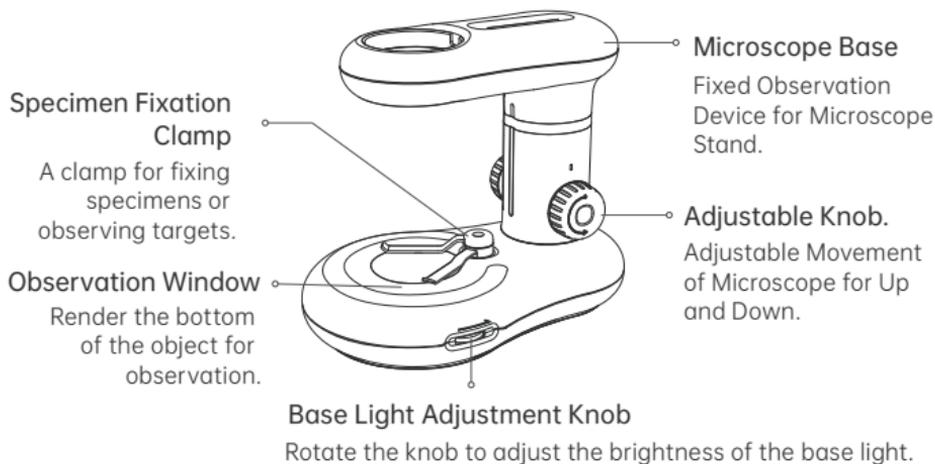
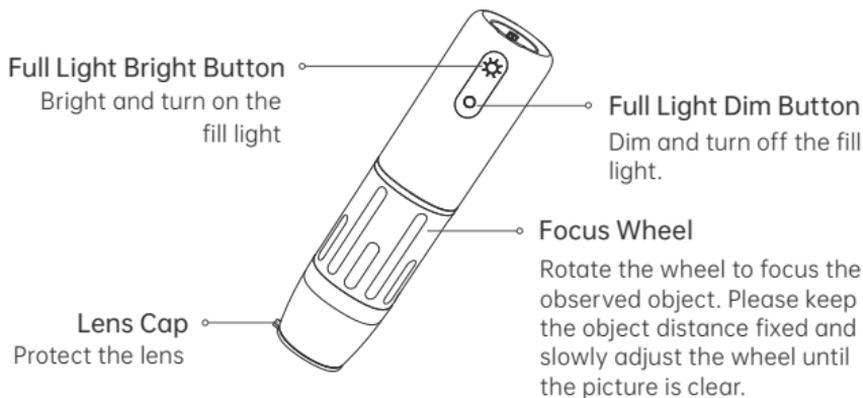


3. Complete (Note: Please adjust until the focus wheel is fully exposed)

# Parts Description

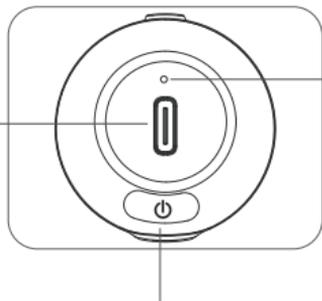
## Parts and functions

- ⚠ **Note:** When the device is abnormal, long press the "Full Light Bright Button" and "Full Light Dim Button" at the same time to forcibly shut down the device.



### Type-C Interface

Connect type-c to charge or connect with computer.



### Power Button

Long press it for 3 seconds to turn on/off the microscope.

### Charging Indicator light

- ① The indicator light is blue light flashes after power on, when connect to computer/WiFi, the indicator light is always blue;
- ② The indicator light is red after charging, when full, the light is off;
- ③ When the battery is low, the blue light flashes for 30s and then turns off automatically.



You can charge the microscope with your daily mobile charger, computer, or power bank.



Please do not charge it for more than 12 hours to avoid affecting the battery life.

**Note:** During the charging process, if the outer shell of the microscope has slight heating, it is a normal phenomenon, please use it with confidence.



## Battery installation

**Step 1.** Pry open the battery cover of the base by buckling the battery cover recess

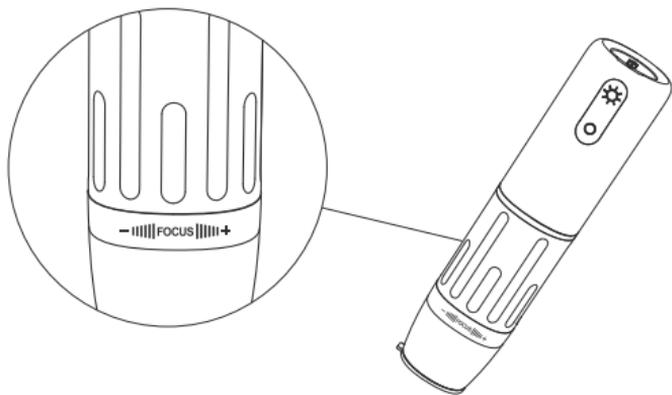
**Step 2.** Install the 7# 1.5V battery according to the direction indicated inside (please pay attention to distinguish the positive and negative poles when installing the battery, the non-rechargeable battery can not be charged )

**Step 3.** Close the battery cover.

# Detailed Operation

\* Before using the microscope, please make sure to hold it steady with your hands or place it on the desk for use.

## 1. How to focus?



-  Counter-Clockwise Rotation:  
multiple magnification

-  Clockwise Rotation:  
multiple reduction

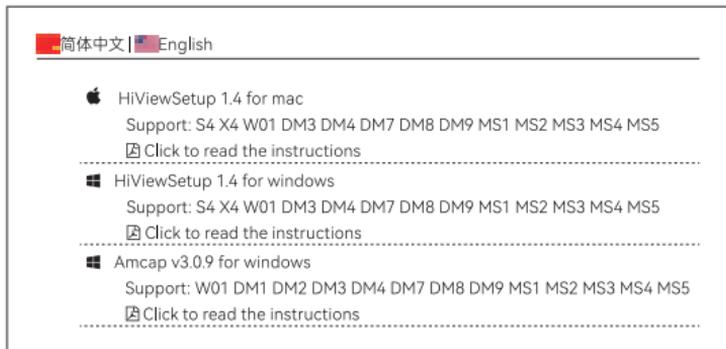
- ( **Note:** In case of any other problems, the reset hole will restore the factory setting. At the same distance, the rotating zoom cylinder has two magnification. To adjust more multiples, it can be adjusted up and down through the microscope base bracket. )

## 2. How to work with PC?

### • Software download

**Note:** The following 3 methods can be downloaded, please choose the appropriate version according to your computer system.

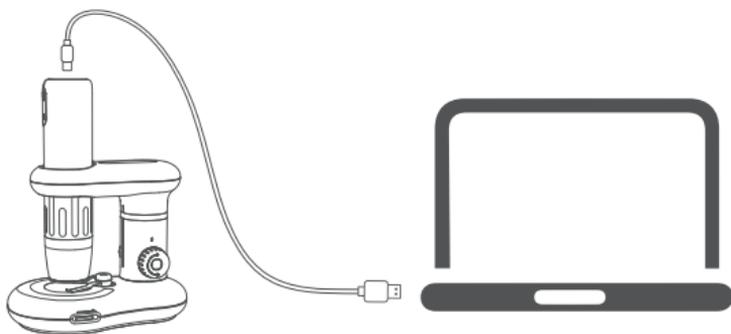
- ① For Windows 7, Windows 8.1, Windows 10, Windows 11 and Mac , download the software from the website:  
<http://soft.hvscam.com>



- ② For Windows 8 or higher system, search "hiView" ("📷") in the Microsoft Store to download it and you can also be viewed in Camera ("📷").
- ③ For Mac OS X 12 or higher system, search "hiView" in the APP Store to download it and you can also be viewed in Photo Booth ("📷").

## • Operating steps

**Step 1:** Connect CM2 microscope to computer through the Type-C cable.



**Step 2:** Long press Power Button for 3 seconds to turn on the microscope. ( Note: When the indicator light is flashing, the microscope is powered on. )

**Step 3:** Open the software, you can see the image and take pictures and videos through the software.

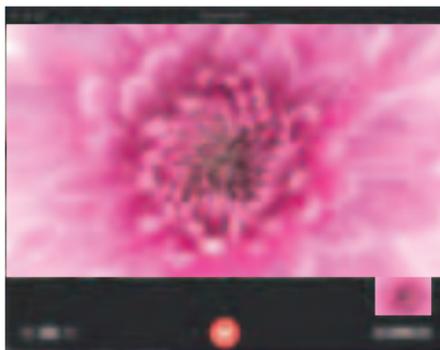
①HiView  
(Window System)



② Windows Camera



③ Photo Booth  
(Mac)



### 3. How to work with cell phone?

- **App download**

Use mobile phone/tablet browser to scan the QR code, click download and install ( **Note:** For iOS system, search for "DLscope" in the App Store and download )



(iOS / Android download  
QR code)



(iOS / Android icon)

- **Operating steps**

**Step1: Turn on the microscope**

Long press power button for 3 seconds to turn on the microscope.(Note: When the indicator light is blue flashing, WiFi is ready to be connected.)

**Step 2: Connect microscope to cell phone.**

①Connect microscope to Android / IOS



② open DLscope, click "+" in the upper right corner to select the device "CM2", select the WiFi name corresponding to the product: "Cam-CM2-xxxx" (no password). After connected, return to the APP and click to enter.

③ When connected, the indicator light is blue and you can use "DLscope".



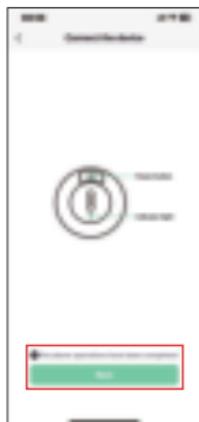
①



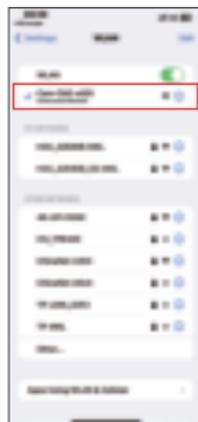
②



③



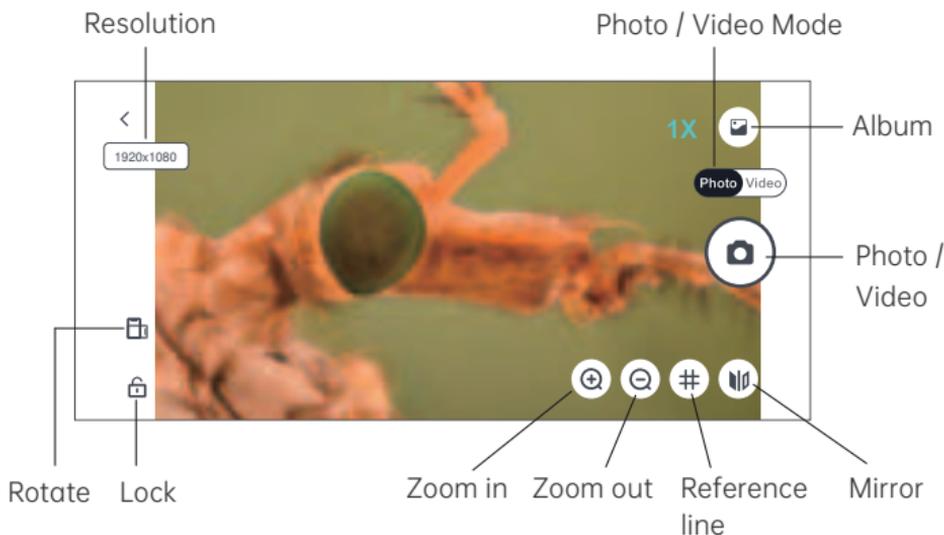
④



⑤

## • Introduction of the APP

( \* The picture only for reference because different mobile phone model and version )



**Resolution:** click to switch photo / video resolution .

**Zoom in:** click to enlarge the screen . ( used when the screen is too small )

**Zoom out:** click to zoom out the screen . ( used when the screen is too big, default is minimum each time you open it )

**Reference line:** turn on or off the reference line

**Mirror:** click to switch to mirror mode .

**Lock:** click to lock the screen .

**Rotate:** click to rotate the screen .

**Album:** click to view photos or videos that have been taken .

**Photo:** taking pictures / video of the current observed object.

**Photo/Video Mode:** You can switch between picture / video mode.

# Usage Environment Description



Please use in an environment of -15°C~55°C.



Avoid wetting the microscope with water, drinks, and corrosive liquid.



Avoid keeping the microscope close to heat sources, open flames, and flammable or explosive gases (or liquids).



Avoid dust entering the lens and interior of the microscope.



Avoid impacts and strong vibration on the microscope.

( **Note:** The capacity of the battery may be reduced to some extent in low temperature conditions. )

# Product Parameters

Item	Parameters
Product Name	CM2
Magnification	50X-1000X
Lens Structure	5G+IR
Lens Angle of View	16°
Light Source	8 LEDs ( adjustable brightness )
Image Distance	3mm to Infinity
Sensor size	1/4"
Video Format	MP4
Picture Format	JPG
Photo/Video Resolution	640x360, 1280x720, 1920x1080
Interface and Signal Transmission Mode	Type-C
APP Working Environment	Android 8.0 and above, iOS 10.0 and above
PC Operating System	Windows 7, Winows 8.1, Winows10, Mac OS x 12 or higher
Noise-signal Ratio	41.4db
Sensitivity	18000mV/lux-sec
Operating Current	~300mA

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and-

(2) This device must accept any interference received, including interference that may cause undesired operation.-

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:-

- - Reorient or relocate the receiving antenna.-
- - Increase the separation between the equipment and receiver.-
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.-
- - Consult the dealer or an experienced radio/TV technician for help.-

The device has been evaluated to meet general RF exposure requirements.-